

BUILDING THE ULTIMATE RANGE.

Ever since JCB was founded by Joseph Cyril Bamford in a small garage in Staffordshire in 1945, innovation has driven our machines and our thinking. Of course we've grown since then – to employ over 10,000 people across 4 continents – but innovation remains at the heart of everything we do.

A history of innovation

We've been innovating since day one, and we've always cultivated a uniquely fearless approach to design. Indeed, we've invented whole new genres of machinery – the backhoe loader and the telehandler for example – and revolutionised others like the tractor or skid steer loader.

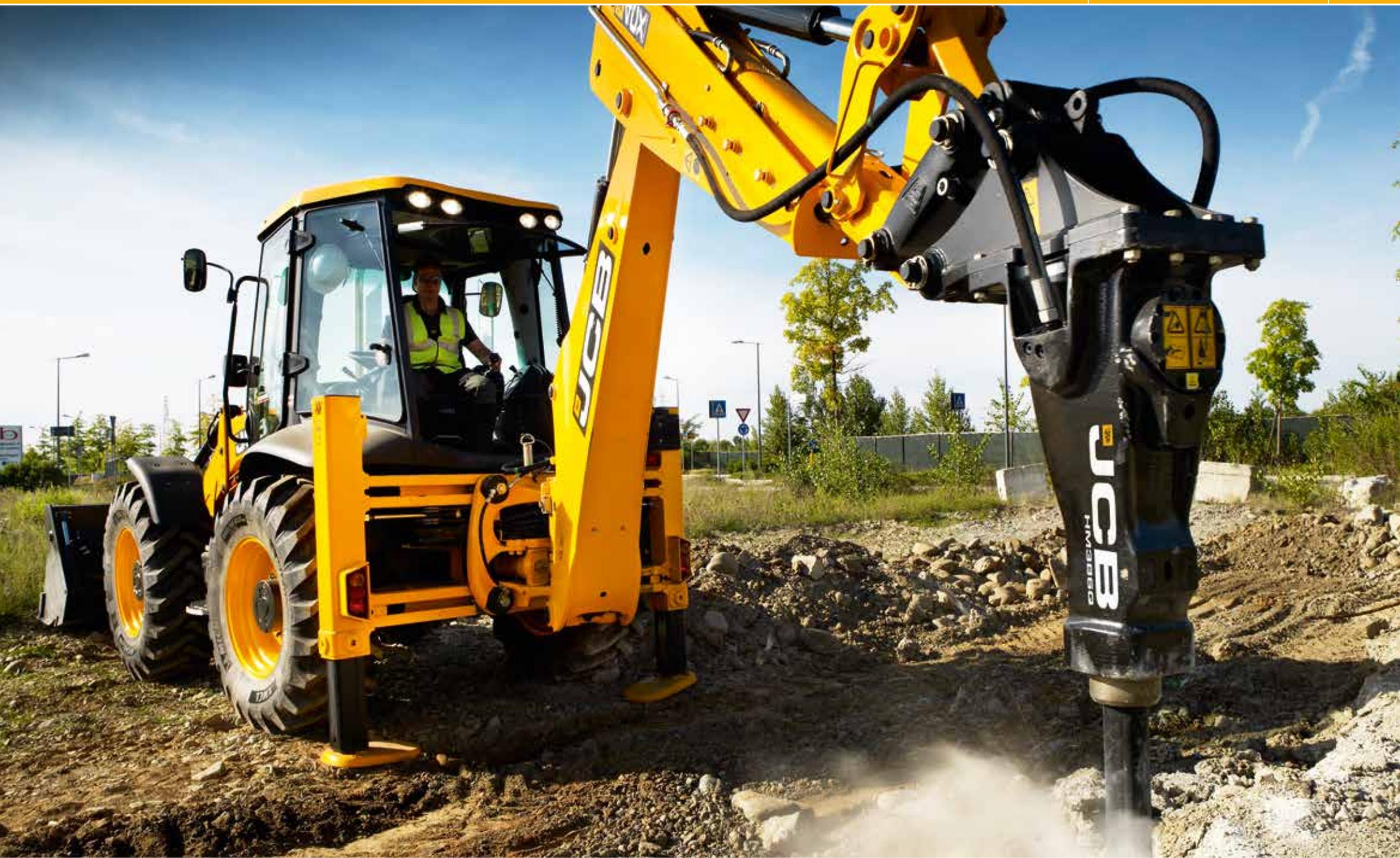
The best backup in the business

A key component of any JCB machine is peerless backup and support: our 2,000-strong global dealership and service network keeps the customer at the centre of everything we do, in over 150 countries worldwide. Our World Parts Centre, meanwhile, aims to deliver anywhere on earth within 24 hours.

Success by the million

Every JCB is designed and built to offer ultimate productivity, durability, efficiency, safety, comfort and reliability, so it's perhaps not surprising that we've just built our millionth machine. As you'd expect from such an innovative company though, we won't be resting on our laurels.





OVER SIXTY YEARS AND COUNTING.

AT MORE THAN SIXTY YEARS OF AGE, JCB'S ICONIC BACKHOE LOADER IS JUST AS FRESH AND INNOVATIVE TODAY AS IT WAS WHEN IT WAS FIRST CONCEIVED. BACK THEN, COMPANY FOUNDER JOSEPH CYRIL BAMFORD INVENTED THE ENTIRE BACKHOE LOADER CONCEPT WHEN HE COMBINED A LIGHTWEIGHT BACKHOE WITH A TRACTOR LOADER. FOR THE FIRST TIME, A SINGLE MACHINE COMBINED A FRONT SHOVEL AND REAR EXCAVATOR ARM.



Today's JCB continues to innovate and is the world's best selling backhoe.



THE 50'S. The JCB MKI Major Loader.



THE 60'S. The JCB I.



THE 70'S. The JCB 3CIII.

The world's first... and still the best.

Throughout the intervening years, JCB has continued to improve on this basic concept by using innovative thinking and advanced engineering principles. In the process, many of our innovations have become industry-standard features. Like four-wheel drive, for example, as well as extending dippers, torque converter drive, powershift transmissions, all-wheel steer, sideshift chassis, powerslide, and skid steer.

As a direct result of our innovative thinking and pioneering spirit, our backhoe loader range has led the world in terms of both features and sales. Today, we're the biggest-selling backhoe loader manufacturer on the planet, and have been for decades.

An innovative future.

We recognise that a large part of our success is down to the fact that we listen to what our customers want. And we'll be continuing this trend, always striving to build the most productive, dependable and efficient machines that technology will allow. In an increasingly tough market, we're already attaching particular importance to versatility, residuals and fuel efficiency, all of which you'll find in abundance on this latest range of backhoe loaders.



THE 80'S. The JCB 3CX.



THE 90'S. The JCB 3CX Sitemaster.



THE 00'S. The JCB 3CX Eco.



THE FUTURE?

ICX BACKHOE LOADER.

1. Visibly better

Great forward visibility – courtesy of a steep-nosed bonnet and front-mounted loader arms – makes operating a JCB ICX safe and confidence-inspiring.

2. Higher standards of lowering

Unlike rival skid steers, the ICX's loader offers parallel lift whether raising or lowering.

3. End to end

A swivel seat allows operators to face either the loader or the excavator end, offering more versatility than a conventional skid steer.

4. Boom and dipper

We've designed the ICX with an equal-length boom and dipper. This makes for maximum trench length and minimal machine repositioning.



5. Agile performance

This backhoe is nimble enough to manoeuvre in tight spaces and confined areas.

6. In the city

Supreme mobility makes this a perfect machine for working on restricted sites in city centres, like underground digs.

This backhoe is smoother, more powerful and more productive than an ordinary skid steer with attachment.



As the ultimate 2-in-1 machine, the ICX can save you time and money.



A versatile machine, made even more so by a vast range of attachments.



The ICX uses less fuel than alternative machines, further reducing running costs.

| | | ICX |
|--------------------------------|----------------|-------------|
| Operating weight | kg | 3254 |
| Gross engine power | kW (hp) | 37.3 (50) |
| Dig depth | ret/ext m | 2.55 / 3.05 |
| Steer mode | | Skid Steer |
| Loader shovel breakout | kgf | 2350 |
| Maximum loader shovel capacity | m ³ | 0.28 |
| Maximum dipper tearout | ret/ext kgf | 1488 |
| Maximum bucket tearout | kgf | 2350 |

ICXT BACKHOE LOADER.

1. Visibly better

Great forward visibility – courtesy of a steep-nosed bonnet and front-mounted loader arms – makes operating a JCB ICXT safe and confidence-inspiring.

2. Higher standards of lowering

Unlike rival skid steers, the ICXT's loader offers parallel lift whether raising or lowering.

3. End to end

A swivel seat allows operators to face either the loader or the excavator end, offering more versatility than a conventional skid steer.

4. Boom and dipper

We've designed the ICXT with an equal-length boom and dipper. This makes for maximum trench length and minimal machine repositioning. Optional Extradig allows for excellent ground reach and greater dig depth.



5. Agile performance

This backhoe is nimble enough to manoeuvre in tight spaces and confined areas.

6. In the city

Supreme mobility makes this a perfect machine for working on restricted sites in city centres, like underground digs.



The ICX's cab glass not only permits superb all-round visibility, but it ensures operator safety too.

Whether you opt for a cab or canopy on your ICXT, you'll benefit from side entry so, unlike on a conventional skid steer, there's no need to climb over attachments to gain access.



Loadover height is a lofty 2.65m.



Quick, easy ground level access to daily checks.



Multiple attachments available.

| | | ICXT |
|--------------------------------|----------------|-------------|
| Operating weight | kg | 4000 |
| Gross engine power | kW (hp) | 36.3 (49) |
| Dig depth | ret/ext m | 2.55 / 3.05 |
| Steer mode | | Skid Steer |
| Loader shovel breakout | kgf | 2350 |
| Maximum loader shovel capacity | m ³ | 0.28 |
| Maximum dipper tearout | ret/ext kgf | 1488 |
| Maximum bucket tearout | kgf | 2350 |

3CX ECO BACKHOE LOADER.

1. EcoMax efficiency

The JCB EcoMax engine in our latest 3CX Eco is so clean that there's no need for exhaust after-treatment, heat resistant oils or AdBlue, saving you money on servicing.

2. Best cab in class

With low noise levels, ample storage and even a coolbox on air conditioned models, our cab is the biggest and best around.

3. Going with the flow

Benefit from low and high-flow hydraulic power with our bi-directional system, capable of powering many attachments.

4. Tonnes of capacity

Placing loads of up to 2000kg is no problem with the 3CX's front hydraulic quickhitch and integrated pallet forks.

5. Made for each other

The EcoMAX engine is mated to an all-JCB driveline for ultimate performance and reliability.

6. Maximum manoeuvrability

JCB's Powerslide feature is better than ever, boasting a large hydraulic ram for plenty of repositioning power.



Mounted behind the front axle, the steering ram is protected from impact damage.



Our innovative scoop design one-piece rear windscreen offers excellent visibility.



The 3CX Contractor's heavy-duty lift rams provide 3.87 tonnes of force.



A backhoe loader is, by its very nature, a highly versatile machine, but our optional extras make it all the more so, allowing you to tailor your 3CX to a huge array of different applications.



To keep operators safe even when using powered attachments, we fit an impact-protected rear screen.

| | | 3CX SM | 3CX CONTRACTOR |
|--------------------------------|----------------|--------------------|----------------|
| Operating weight | kg | 8070 | 8176 |
| Gross engine power | kW (hp) | 55 (74) or 68 (91) | 81 (109) |
| Dig depth | ret/ext m | 4.25 / 5.46 | 4.24 / 5.46 |
| Steer mode | | 2WS | 2WS |
| Loader shovel breakout | kgf | 6531 | 6531 |
| Maximum loader shovel capacity | m ³ | 1.2** | 1.2** |
| Maximum dipper tearout | ret/ext kgf | 3225 / 2255 | 3903 / 2729 |
| Maximum bucket tearout | kgf | 6228 | 6228 |

* GP Shovel ** 6-in-1 Shovel

3CX POTHOLE MASTER.

1. Extended reach.

Your patch planer will be able to work a 10m² area at up to 115mm of depth without repositioning.

2. Ease of use.

Advanced EasyControl provides simple excavator-style control of the planer.

6. Saving time.

A standard mechanical excavator quickhitch reduces attachment-changeover times.

5. Maximum protection.

Both the road surface and your machine are well protected from potential damage, with streetpads fitted as standard.

3. Sideshift.

JCB's sideshift feature means you can plane the 3CX's full width without moving, allowing work to be carried out in a single coned-off carriageway.

4. Well positioned.

Powerslide allows effortless repositioning of patch planers and other tools, with uncompromised visibility to the ground and the attachment. No risk to ground damage.

The powerful high speed drum cuts clean vertical sides to any planed area; this allows consistent compaction of new tarmac into the patch edges.



This machine can plane 10m² at up to 115mm in depth without repositioning.

A JCB sweeper collector dramatically reduces clean-up time and ensures a tidy, safe site for the general public.



Material can be loaded directly into a truck, ready for transport to a recycling facility.



Single carriageway operations means less disruption.

| | | 3CX POTHOLE MASTER |
|--------------------|------------|----------------------------------|
| Operating weight | kg | 8102 |
| Gross engine power | kW (hp) | 68 (91) / 81 (109) |
| Dig depth | m | 4.24 / 5.46 |
| Steer mode | | 2WS |
| Rear attachment | | patch planer 400mm |
| Front attachment | | fully floating sweeper collector |
| Dump height | m | 3.23 |
| Road speed | mph (km-h) | 25 (40) |

4CX ECO BACKHOE LOADER.

1. Deeply impressive

With a standard-fit 14' and optional 15' 6" excavator and 6.51m dig depth, the JCB 4CX Super is a high-performance machine.



4. Speed is everything

Fast and responsive cycles are guaranteed on the 4CX with an increased 165 l/min peak hydraulic flow.

2. Comfortably in control

Ergonomic seat-mounted servo controls – a standard fit on some models – provide great manoeuvrability, fingertip control and supreme comfort.

3. Durability to the Max

Our EcoMAX engine has been tried and tested to last the distance in even the harshest applications and environments.

5. Attention to detail

JCB's robot-welded single piece chassis maximises strength and minimises weight.

6. Access all areas

Choose from three steer modes to suit every situation: two-wheel, four-wheel or crab steer.



Optional 1.3m³ shovel capacity along with 3 steering modes provide exceptional on-site productivity.



JCB's new multi-functional instrument control panel can provide current and average fuel consumption.



The steering ram is protected from impact damage because it is mounted behind the front axle.



Ideal for any application, from road-building to house-building, waste recycling and landscaping.

| | | 4CX ECO SM | 4CN |
|--------------------------------|----------------|-------------|----------|
| Operating weight | kg | 8599 | 8660 |
| Gross engine power | kW (hp) | 81 (109) | 81 (109) |
| Dig depth | ret/ext m | 5.53 | 5.19 |
| Steer mode | | 4WS | 4WS |
| Loader shovel breakout | kgf | 6590 | 6590 |
| Maximum loader shovel capacity | m ³ | 1.3 | 1.3 |
| Maximum dipper tearout | ret/ext kgf | 3903 / 2729 | 3893 |
| Maximum bucket tearout | kgf | 6228 | 6929 |

5CX WASTEMASTER BACKHOE LOADER.

2. Safety is everything

Open a door while the 5CX Wastemaster is raised and an alarm will warn the operator to lower the machine before getting out.

3. Fuel efficiency

The specially designed all-JCB powertrain uses our EcoRoad technology to reduce fuel consumption by up to 25%.

4. All hooked up

Our standard-fit hooklift frame creates a stable, safe work platform and allows you to manoeuvre and reposition containers with ease.

1. Extensive excavation

A 7.10m excavator unit makes the most of this backhoe's extra working height, allowing you to move material around a container for optimum compaction and even loading.

5. Fully protected

The 5CX Wastemaster is designed to cope with any environment; it's got extra protection on the boom, lights and tyres.

6. Reaching new heights

We've extended the rear stabiliser legs to increase lift height by 400mm and provide optimum visibility into the container.



Heavy-duty arms can handle the rigours of a Civic Amenity site.



You can attach various loader attachments to clear up material spills quickly and easily.



The JCB Sweeper Collector is an efficient choice for keeping sites clean.



Liquid-filled tyres seal minor punctures easily for reduced downtime.



Extended stabiliser legs provide superb visibility into the container and around the site.



Anything can be in a day's work for the new JCB 5CX Wastemaster.

| | | 5CX WM |
|--------------------------------|----------------|-------------|
| Operating weight | kg | 10600 |
| Gross engine power | kW (hp) | 81 (109) |
| Dig depth | ret/ext m | 5.35 / 6.51 |
| Steer mode | | 4WS |
| Loader shovel breakout | kgf | 6590 |
| Maximum loader shovel capacity | m ³ | 1.3 |
| Maximum dipper tearout | ret/ext kgf | 2675 / 3722 |
| Maximum bucket tearout | kgf | 6230 |

ATTACHMENTS.

JCB ATTACHMENTS ARE DESIGNED TO MEET THE EXACT REQUIREMENTS OF OUR MACHINERY FOR OPTIMUM PRODUCTIVITY. FROM BUCKETS TO SHOVELS, HANDHELD HYDRAULIC TOOLS, COMPACTION EQUIPMENT AND PATCH PLANERS, WE'VE GOT THE RIGHT ATTACHMENTS FOR ANY JCB BACKHOE LOADER YOU CHOOSE.

For added versatility, you can use your backhoe loader as a power source for a whole range of handheld tools.



Sweeper collectors.



Patch planers.



Earth drill.



Hammers.

| | | HAMMERMASTER HMI15 | HAMMERMASTER HMI66Q | HAMMERMASTER HM266Q | HAMMERMASTER HM386Q | HAMMERMASTER HM496Q | EARTH DRILL |
|---------------------------|-----|--------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|
| Weight | kg | 110 | 162 | 224 | 329 | 480 | 105 + Flight |
| Carrier weight | t | 45 | 2.0 - 4.5 | 2.8 - 6.0 | 4.5 - 9.0 | 6.0 - 12 | 2.0 - 8.0 |
| Impact energy (published) | J | 1.0 - 3.5 | 252 | 376 | 600 | 850 | 3500 - 6000 Nm Torque |
| Blow rate min - max | bpm | 200 | 1020 - 1750 | 840 - 1400 | 600 - 1380 | 540 - 1250 | N/A |

| | | SWEeper COLLECTOR | PATCH PLANER | KERBMASTER | COMPACTOR | FORKS/FRAMES |
|----------|----------------|-------------------|--------------|------------|-----------|------------------|
| Width | mm | 1500 - 2400 | 400 | N/A | 305 | 75-125 |
| Capacity | m ³ | 0.37 - 0.4 | N/A | 180 kg | N/A | 1 - 4 t per fork |
| Weight | kg | 700 - 850 | 500 | 65 - 98 | 178 | 115 |

| | | GENERAL PURPOSE BUCKET | DITCH MAINTENANCE BUCKET | GENERAL PURPOSE SHOVEL | 6-IN-1 SHOVEL | SIDE TIP SHOVEL |
|----------|----------------|------------------------|--------------------------|------------------------|---------------|-----------------|
| Width | mm | 230 - 900 | 1200 - 1520 | 1850 - 2440 | 1850 - 2440 | 1850 |
| Capacity | m ³ | 0.028 - 0.2 | 0.12 - 0.18 | 0.45 - 1.1 | 0.16 - 1.3 | 0.62 |
| Weight | kg | 52 - 179 | 116 - 172 | 153 - 527 | 190 - 457 | 500 |

| | | RIBBED BUCKET | TAPER DITCH BUCKET | JAW BUCKET | TILTING GRADING BUCKET | SNOWBLADE |
|----------|----------------|---------------|--------------------|------------|------------------------|-----------|
| Width | mm | 250 - 900 | 305 - 1676 | 24 | 1525 | 2290 |
| Capacity | m ³ | 0.04 - 0.12 | 0.06 - 0.1 | 0.2 | 0.16 | N/A |
| Weight | kg | 105 - 210 | 111 - 185 | 280 | 340 | 490 |

*Attachments suitability varies by machine model and specification.

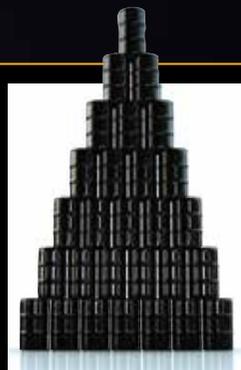


LIVELINK, WORK SMARTER.

LIVELINK IS AN INNOVATIVE SOFTWARE SYSTEM THAT LETS YOU MANAGE JCB MACHINES REMOTELY – ONLINE, BY EMAIL OR BY MOBILE PHONE. ACCESS EVERYTHING FROM MACHINE ALERTS TO FUEL REPORTS AND HISTORY INFORMATION, WITH ALL DATA STORED AT A SECURE CENTRE.

Productivity and cost benefits

By providing information like idle time monitoring and machine fuel consumption, JCB LiveLink helps reduce your fuel usage, saving money and improving productivity. Machine location information can help improve efficiency and perhaps even reduce insurance costs.



Maintenance benefits

Manage machine maintenance easily – accurate hours monitoring and service alerts improve maintenance planning, while real-time location data helps you manage your fleet. Critical machine alerts and maintenance history records are also available.



Security benefits

LiveLink's real-time geofencing alerts tell you when machines move out of predetermined zones, and real-time curfew alerts inform you of unauthorised usage, straight to your mobile phone. Further benefits include real-time location information, and LiveLink has its own internal battery and aerial.



VALUE ADDED.

JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.



1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

2 The global network of JCB Parts Centres is another model of efficiency; with 15 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.

3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.

Note: JCB LIVELINK and JCB ASSETCARE may not be available in your region, so please check with your local dealer.

